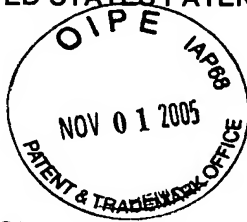


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of

Jyrki Kauppinen

Application No.: 10/529,777

Filing Date: March 30, 2005

Title: PHOTOACOUSTIC DETECTOR

Group Art Unit:

Examiner:

Confirmation No.: 5252

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTERCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

By

Matthew L. Schneider

Registration No. 32,814

Date: November 1, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Nicolas Ledermann et al., "Piezoelectric Cantilever Microphone for Photoacoustic GAS Detector", *Integrated Ferroelectrics*, 2001, Vol. 35, pp. 177-184.

To assist the Examiner in entering the foregoing information into the record, the above-noted documents are cited on the attached for PTO-1449 and copies of the documents are enclosed.

The Examiner is respectfully requested to consider the foregoing information and to acknowledge such consideration by initialing, signing and returning the enclosed additional copy of form PTO-1449.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date November 1, 2005

By: Matthew L. Schneider
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Complete if Known

SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

NOV 01 2005

PATENT & TRADEMARK OFFICE

Application Number 529,777
 Filing Date March 30, 2005
 First Named Inventor Jyrki Kauppinen
 Examiner Name
 Attorney Docket Number 028443-070

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Nicolas Ledermann et al., "Piezoelectric Cantilever Microphone for Photoacoustic GAS Detector", Integrated Ferroelectrics, 2001, Vol. 35, pp. 177-184

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
 VA 804682.1